

SUBMITTAL DATA

GK-H02TC/NAA-T(U)
24000 BTU/H Packaged Heat Pump System

Job Name	Location	Date
Purchaser	Engineer	
Submitted to	For	
Unit Designation	Schedule No.	



GK-H02TC/NAA-T(U)

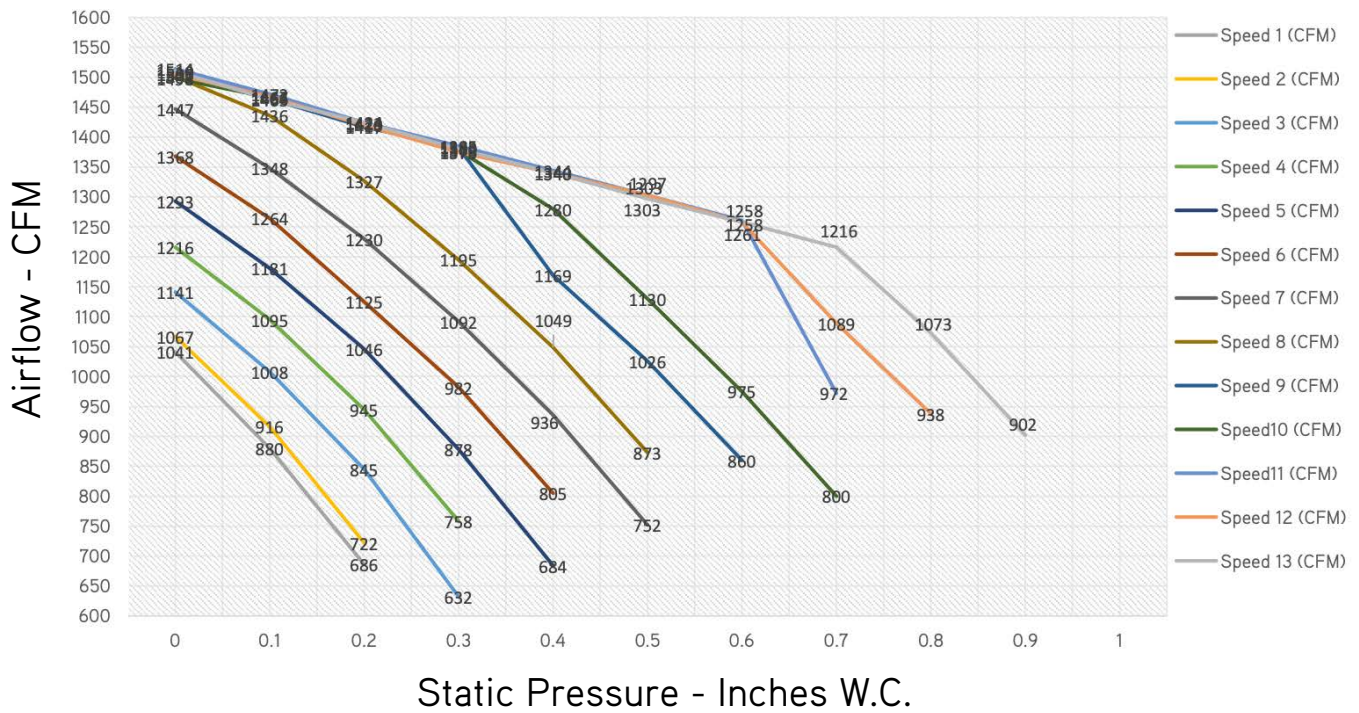
GENERAL FEATURES

- AHRI Certificate: [213368002](#)
- High efficiency, up to 17.8 SEER2 / 8.8 HSPF2
- Cooling range: 23°F - 125°F
- Heating range: -22°F - 75°F
- Sound levels down to 65 dB(A)
- Conventional, 24 VAC thermostat control
- Eco-friendly R410A refrigerant
- Intelligent Defrost Technology
- External Static Pressure can be up to 0.8 In W.c. with electric heater, 1.0 In W.c. without electric heater
- Golden Fin Equipment - 1500 Hrs Salt Spray Rating

SPECIFICATIONS, FEATURES & FUNCTION SUMMARY

SPECIFICATIONS		GK-H02TC/NAA-T(U)		FEATURES & FUNCTIONS SUMMARY		GK-H02TC/NAA-T(U)	
System Type		HEAT PUMP					
SYSTEM PERFORMANCE				SYSTEM FEATURES			
Cooling	Min - Max	Btu/h	-	Compressor	Inverter		
	Capacity @95°F	Btu/h	24000	Ultra Low Frequency Torque Control	Yes		
Heating	Min - Max	Btu/h	-	Power Factor Correction	Yes		
	Capacity @5°F	Btu/h	24000	Compressor Type	Rotary		
	Capacity @17°F	Btu/h	23400	Refrigerant Type	R410A		
	Capacity @47°F	Btu/h	24000	Electronic Expansion Valve (EEV)	Yes		
SEER2			17.8	Fin Coating	Acrylic Resin		
EER2			11	Intelligent Defrosting	Yes		
HSPF2			8.8	Intelligent Preheating	Yes		
COP @5°F			1.8	Low Voltage Startup	Yes		
COP @47°F			3.2	Low Ambient Cooling	Yes		
UNIT DATA		GK-H02TC/NAA-T(U)		24VAC Thermostat Compatible	Yes		
Cooling Temperature Range	°F	23 - 125		Indoor Fan Type	Centrifugal		
Heating Temperature Range	°F	-22 - 75		Multi Fan Speeds	Yes		
Refrigerant Type	R410A			Auxiliary Electrical Heater	Optional		
Refrigerant Charge	oz	176.4					
Compressor Type	Inverter Rotary						
Sound Pressure Level	A	65					
External Static Pressure (Min - Max)	In W.c.	0 - 0.8					
Drain Connection Size	in	3/4					
External Dimensions (W x H x D)	in	44 x 49-1/4 x 35-7/16					
Package Dimension (W x H x D)	in	44-5/8 x 50-13/16 x 35-15/16					
Net Weight	lbs	538					
Gross Weight	lbs	560					
ELECTRICAL							
Power Supply	208-230V / 1Ph / 60Hz						
MCA	A	35					
MOCP	A	40					
Control Voltage	VAC	24					
Main Power Wire Size	AWG	Per Local Code					
Interconnecting Wire Size	AWG	18/2 Stranded. Shielding Recommended.					

FAN PERFORMANCE WITHOUT ELECTRIC HEATER

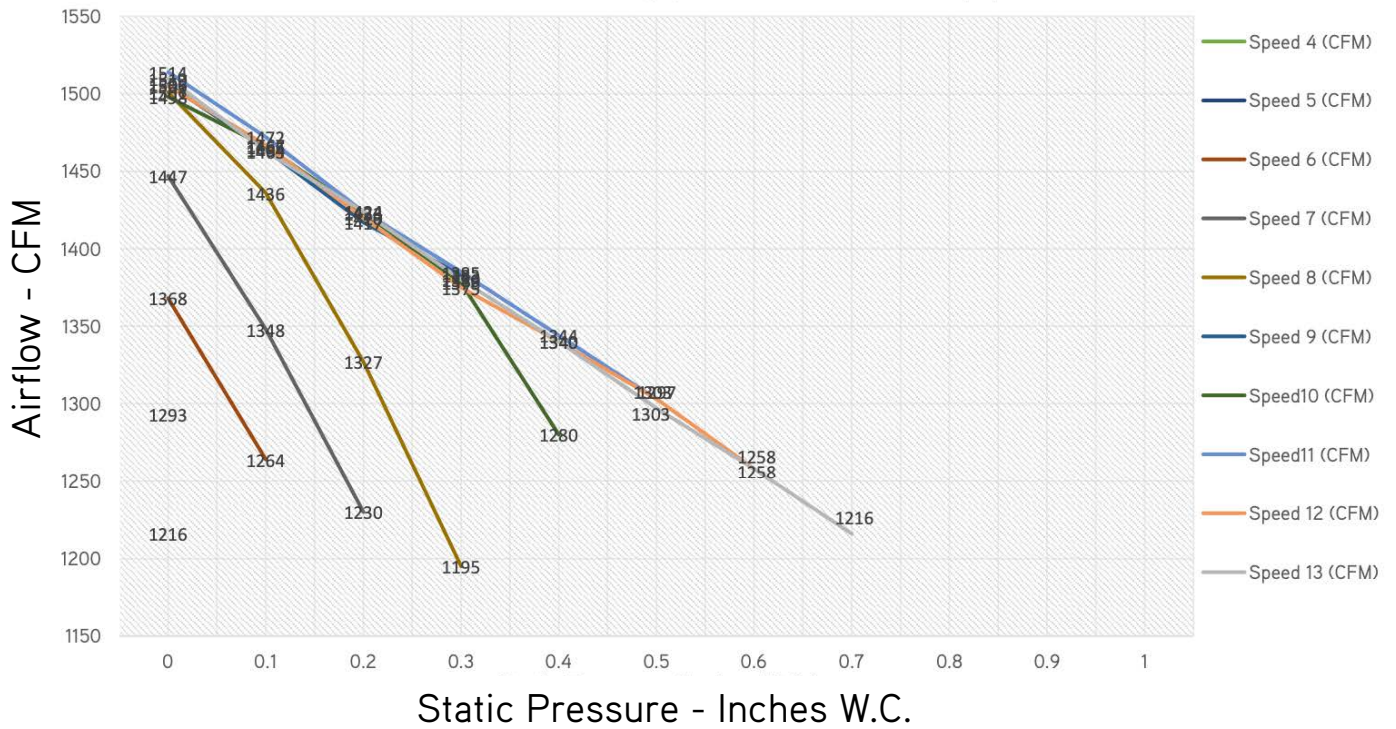


Static Pressure (Inches W.C.)	0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1
Speed 1 (CFM)	1041	880	686								
Speed 2 (CFM)	1067	916	722								
Speed 3 (CFM)	1141	1008	845	632							
Speed 4 (CFM)	1216	1095	945	758							
Speed 5 (CFM)	1293	1181	1046	878	684						
Speed 6 (CFM)	1368	1264	1125	982	805						
Speed 7 (CFM)	1447	1348	1230	1092	936	752					
Speed 8 (CFM)	1501	1436	1327	1195	1049	873					
Speed 9 (CFM)	1506	1464	1417	1383	1169	1026	860				
Speed10 (CFM)	1498	1466	1423	1378	1280	1130	975	800			
Speed11 (CFM)	1514	1472	1424	1385	1344	1303	1261	972			
Speed 12 (CFM)	1505	1467	1420	1375	1340	1303	1258	1089	938		
Speed 13 (CFM)	1510	1463	1424	1380	1340	1297	1258	1216	1073	902	

NOTE:

Empty cells in the table above represent out of range static pressure and air volume

FAN PERFORMANCE WITH ELECTRIC HEATER



Static Pressure (Inches W.C.)	0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1
Speed 4 (CFM)	1216										
Speed 5 (CFM)	1293										
Speed 6 (CFM)	1368	1264									
Speed 7 (CFM)	1447	1348	1230								
Speed 8 (CFM)	1501	1436	1327	1195							
Speed 9 (CFM)	1506	1464	1417	1383							
Speed10 (CFM)	1498	1466	1423	1378	1280						
Speed11 (CFM)	1514	1472	1424	1385	1344	1303					
Speed 12 (CFM)	1505	1467	1420	1375	1340	1303	1258				
Speed 13 (CFM)	1510	1463	1424	1380	1340	1297	1258	1216			

NOTE:

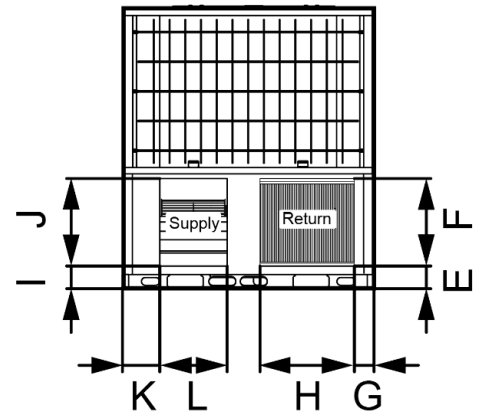
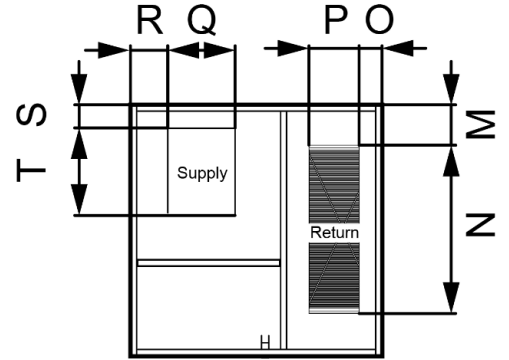
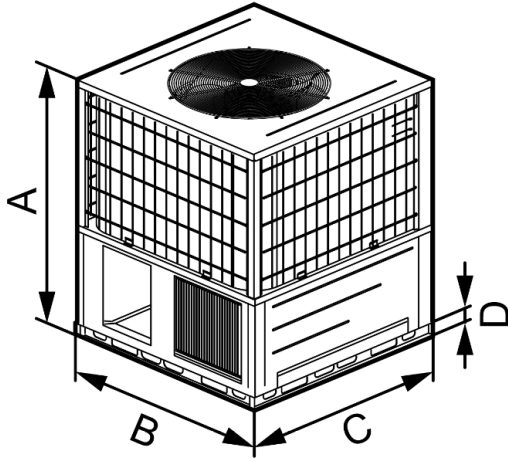
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DIMENSIONS

OUTDOOR UNIT

Unit: inch

A	B	C	D
49 - 1/4	44	35 - 7/16	2 - 1/2

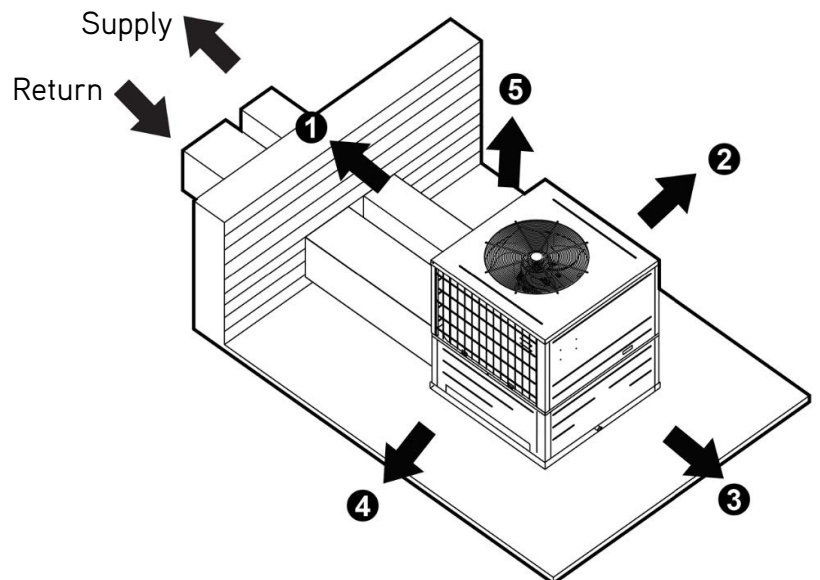


SIDE AIR VENTS							
E	SIDE OF AIR RETURN		G	I	SIDE OF AIR SUPPLY		K
	F	H			J	LA	
4 - 7/16	17 - 8/16	16 - 9/16	3 - 7/16	3 - 15/16	15 - 6/16	11 - 13/16	6 - 3/16

BOTTOM AIR VENTS							
M	SIDE OF AIR RETURN		O	R	SIDE OF AIR SUPPLY		S
	N	P			Q	T	
5 - 14/16	23 - 1/16	8 - 10/16	3 - 11/16	6 - 3/16	11 - 14/16	13 - 12/16	3 - 10/16

CLEARANCES

DIMENSION (Minimum)	Installation Clearances
1	24
2	8
3	20
4	24
5	60



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